



## DATA SHEET FOR FLP PEDESTAL / AIR CIRCULATOR FAN

## TECHNICAL DATA:

|                     |  |
|---------------------|--|
| PRODUCT NAME        | : CAT NO: PF / 140   |
| ENCLOSURE           | : FLAME PROOF (Ex -d ), Gas Group IIA , IIB, IIC<br>As per IS/IEC 60079-1 : 2014 |
| PROTECTION          | : WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001<br>(Reaffirmed 2014)            |
| AREA CLASSIFICATION | : Ex db IIC T6 Gb ( EX tb / tc IIIC T85 C Db/Dc<br>(ZONE 1 & 2 & Zone 21 & 22 )  |
| CERTIFICATION       | : CIMFR , BIS , PESO   |
| TEMPERATURE CLASS   | : T 6  |
| BLADE MATERIAL      | : ALUMINIUM ( NON SPARKING )   |
| FINISH              | : EPOXY POWDER COATED SHADE AS PER IS : 5  |
| EARTHING            | : 1 No INTERNAL & 2 No's EXTERNAL  |
| HARDWARE            | : STAINLESS STEEL  |
| GASKET              | : 'O' RING ENDLESS GASKET NEOPRENE / SILICON                                     |
| MOTOR               | : MOC – CAST IRON  |
| INSULATION          | : CLASS F INSULATION.  |
| NAME PLATE          | : SS NAME PLATE CUM WARNING PLATE  |
| ENTRIES             | : 1 No's M20 / ½ " NPT / EQUIVALENT  |

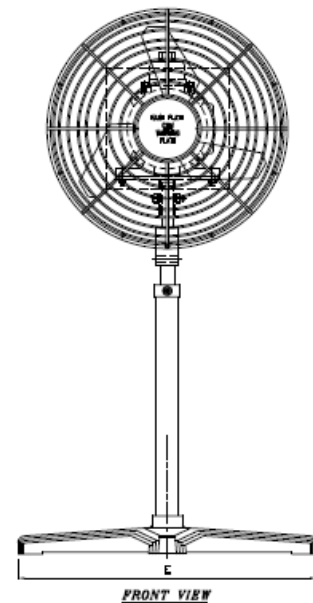


## SELECTION CHART

| SR.NO | SIZE     | MOTOR HP | SPEED RPM | C.F.M | VOLTAGE       |
|-------|----------|----------|-----------|-------|---------------|
| 1     | 305(12") | 0.25     | 1440      | 5400  | 230 V / 415 V |
| 2     | 415(16") | 0.25     | 1440      | 9000  | 230 V / 415 V |
| 3     | 457(18") | 0.25     | 1440      | 13000 | 230 V / 415 V |
| 4     | 610(24") | 0.25     | 1440      | 19000 | 230 V / 415 V |
| 5     | 760(30") | 0.25     | 1440      | 19000 | 230 V / 415 V |
| 6     | 900(36") | 0.25     | 1440      | 25000 | 230 V / 415 V |

## OPTIONS

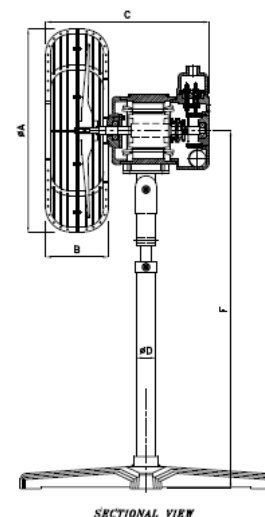
| SR.NO | PARTICULAR   | OPTIONS                                      |
|-------|--------------|--|
| 1.    | GLAND & PLUG | BRASS / SS / ALUMINIUM                       |
| 2.    | COLOUR SHADE | 631, 632, 355, 7031, 7032 etc.               |
| 3.    | VOLTAGE      | SINGLE PHASE 230 V AC / THREE PHASE 415 V AC |
| 4.    | RPM          | 920 / 1440                                   |



FRONT VIEW

## Flp-wp Pedastal Fan Size Options with Dimensions &amp; Rating :

| Fan Size | ØA   | B   | C   | ØD | E   | F    | H.P.    | Phase        |
|----------|------|-----|-----|----|-----|------|---------|--------------|
| 12"      | 378  | 127 | 432 | 51 | 584 | 1124 | 0.25 HP | Single Phase |
| 16"      | 485  | 127 | 432 | 51 | 584 | 1124 | 0.25 HP | Single Phase |
| 18"      | 534  | 155 | 350 | 51 | 584 | 1124 | 0.33 HP | Single Phase |
| 24"      | 640  | 115 | 310 | 51 | 690 | 1124 | 1 HP    | Three Phase  |
| 30"      | 850  | 152 | 508 | 51 | 762 | 1124 | 1 HP    | Three Phase  |
| 36"      | 1000 | 152 | 508 | 51 | 762 | 1124 | 1 HP    | Three Phase  |



SECTIONAL VIEW